



INVENTORY 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89

RC

Ward Transformer Co., Inc.
TRANSFORMER DEPT.

No 1582

Received From:	Original Cost:
Town:	Shop Cost:
State:	Incoming Freight:
Received Via:	Date Billed:
Card:	Our R No.:
Made:	Cust. Order No.:
Sold To:	

EQUIPMENT: TRANSFORMER				Serial No. 7027615
Make: WEST	K.V. 2000	Imp. 53	Phase: 3	Style No.
H. Volts: 22900	Type: SL	Form:	Cycles: 60	Cat. No.
L. Volts: 4160Y/2400	Gals. Oil: 460	Pol:	N.P. No. 650	Spec. No.
No. Taps: 4	Up: 2 Down: 2	YEAR BUILT:		
THROAT ON L.V.	Pocket Pri. Sec.	Top Pri. Sec.	Steel <input checked="" type="checkbox"/>	Cast <input type="checkbox"/>
	Strip Pri. Sec.	Oblong <input type="checkbox"/>	Straight <input checked="" type="checkbox"/>	Round <input type="checkbox"/>
			Corrugated <input type="checkbox"/>	

34100	Ht. top of H. V.	Tank & Fittings: 3600
23500	Ht. No. H. V. Bush.	C & G Wt. 6000
22900	Dia. Wide:	Oil Wt. 3450
22300	Deep:	Total Wt. 13050
21700	Oil Level Gauge: <input checked="" type="checkbox"/>	Thermometer: <input checked="" type="checkbox"/>
	Tap Changer: External <input checked="" type="checkbox"/> Internal <input type="checkbox"/>	

NEUTRAL BROUGHT OUT	NEW USER:
	REBUILT USER:
WELED DOWN TOP	DEALER:

REMARKS:
9.924
9.731
6.541 = 100
9.350
9.163



10816751

B 1162 5-12-80

8-27248

U.S. EPA REGION IV

SDMS

POOR LEGIBILITY

PORTIONS OF THIS DOCUMENT MAY BE
DIFFICULT TO VIEW DUE TO THE QUALITY OF
THE ORIGINAL.

TO MAKE THE DOCUMENT READABLE, TRY
ONE OR MORE OF THE FOLLOWING:

From the Displays Settings in Windows Control Panel:

1. Set the Color Quality to the highest available: 24 bit or 36 bit.
2. Increase or decrease the Screen resolution.

From the Monitor/Display Controls:

1. For dark image page, increase the brightness and decrease the contrast.
2. For light image page, decrease the brightness and increase the contrast.

**** PLEASE CONTACT THE APPROPRIATE RECORDS CENTER TO VIEW THE MATERIAL****

TRANSFORMER TEST

Continuity <input checked="" type="checkbox"/>	Lead Clearances <input checked="" type="checkbox"/>	Exciting Current $2-2.3-36400$ At $4160Y$ Volts	Core Loss $4160Y$ Volts
Oil <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> R	Oil Level <input checked="" type="checkbox"/>	500 Cycles <input checked="" type="checkbox"/> At <input type="checkbox"/> L Volts	High Pot. <input checked="" type="checkbox"/> High To Grd. 45 K.V.
Grd Terminals <input checked="" type="checkbox"/> 1 <input checked="" type="checkbox"/> 2	Surge Tested <input type="checkbox"/>	Radio Interference OK <input checked="" type="checkbox"/> Polarity <input checked="" type="checkbox"/> A <input checked="" type="checkbox"/>	Low To Grd 12 K.V.
Oil Leaks <input checked="" type="checkbox"/> NO	Anti Siphon Joints <input type="checkbox"/>	Impedance Calculated At <input type="checkbox"/> Volts	High To Low 45 K.V.
Pri. Grd. Connected <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	Sec. Grd. Connected <input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	Number Taps 4 What % $2 1/2$	Up 2 Down 2

SECONDARY BREAKER		Position	% Tap	Connect	Pot. Difference	T.T.R. Ratio	Calculated Ratio
Breaker No.		1	105	10 031	10 033	10 031	
Trip and Reset	Oil Temp °C	2	102.5	9 780	9 782	9 780	
Factory Trip Allowable	To Secs.	3	100%	9 530	9 532	9 530	
Factory Trip Current	At °C	4	97.5	9 280	9 282	9 281	
Shop Trip Current	At °C	5	95	9 031	9 032	9 031	
Shop Trip Time Right Side	Secs.	out on 3rd position 10% tap					
Shop Trip Time Left Side	Secs.						

INSULATION POWER FACTOR			OIL TEST		INCOMING		OUTGOING	
High to Grd.	I.P.F.	M.F.	SHOT A		SHOT B		Color	10
High to Low	I.P.F.	M.F.	No. 1	K. V.	No. 1	K. V.	Neut. No.	0.035
Low to Grd.	I.P.F.	M.F.	No. 2	K. V.	No. 2	K. V.	I. F. T.	18.0 PPM
Megger High to Grd.	In	Out	No. 3	K. V.	No. 3	K. V.	Power Factor	
Megger Low to Grd.	In	Out	No. 4	K. V.	No. 4	K. V.	Oxidation	% Time
Megger High to Low	In	Out	No. 5	K. V.	No. 5	K. V.	Oxidation	% Time
			TOTAL	K. V.	TOTAL	K. V.	Average K. V.	30 & 40

Fuse No.	Good <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	GRD. Clamps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Approved:	<input checked="" type="checkbox"/>
Hangers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pri. Bushing Good	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Date Tested:	4-18-80
Arrestors	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Sec. Bushing Good	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tested	
Paint	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Sec. Breaker	<input checked="" type="checkbox"/>	<input type="checkbox"/>	By:	Carl M. Stein

REMARKS

2-2-	5000
2-2-	5000
2-2-	5000